

**YOUNGSTOWN
YACHT CLUB
NIAGARA-ON-THE-LAKE
SAILING CLUB**



The organizing authority is the host club
(see the Race Schedule, NoR Attachment A)

2017 Sailing Instructions

**For the Furlined Series, Seven-Year Series, October Cup (River Races, with Attachment D1),
Ravine Vineyard Series, Clan MacLeod Series, Great Lakes Series and Brox Company 1812 Series,
Port Weller Race (with Attachment D2),
Niagara Cup (with Attachment D3) and
Fall Series (with Attachment D4)**

1 RULES

- 1.1 The series will be governed by the rules as defined in *The Racing Rules of Sailing*.
- 1.2 Prescriptions of the national authority of the host club (see the Race Schedule, Notice of Race Attachment A) will apply.
- 1.3 When racing one-design, a boat shall follow the rules of her class.
- 1.4 When racing PHRF, a boat shall follow the PHRF-Lake Ontario (PHRF-LO) rules.

2 NOTICES TO COMPETITORS

Notices to competitors will be posted on the official notice boards of the host club. Notices may be duplicated on the “Notice Board” page on the web site of the host club. Failure to post notices on the web site in a timely fashion will not be grounds for redress. The official notice boards are located:

- (a) at the north end of the NOLSC main clubhouse and
- (b) in the YYC clubhouse.

3 CHANGES TO SAILING INSTRUCTIONS

Any change to the sailing instructions will be posted before 0900 on the day it will take effect, except that any change to the schedule of races will be posted by 2000 on the day before it will take effect.

4 SIGNALS MADE ASHORE

- 4.1 Signals made ashore will be displayed at the flagpole nearest to the riverfront at the host club.
- 4.2 When flag AP is displayed ashore, “1 minute” is replaced with “not less than 45 minutes” in the race signal AP.

5 SCHEDULE OF RACES

- 5.1 Attachment A shows the dates of racing.
- 5.2 In column *C/M* of Attachment A, *M* is the number of races scheduled for the series. One race is scheduled for each day, except for Niagara Cup and Fall Series.
- 5.3 The scheduled time of the warning signal for the first race each day is:
 - (a) 1330 for the river races;
 - (b) 1840 for the Ravine Vineyard, Clan MacLeod, and Great Laker Series;
 - (c) 1015 for the Port Weller Race, Niagara Cup, and the Fall Series; and
 - (d) 1830 for the Brox Company 1812 Series.

6 CLASS AND IDENTIFICATION FLAGS

6.1 Class flags and identification flags will be:

<i>Class</i>	<i>Class Flags</i>	<i>Identification Flag</i>
Shark	Numeral Pennant 1	None while racing one-design
Not Flying Spinnaker (NFS)	Numeral Pennant 2	Numeral Pennant 2
PHRF II	Numeral Pennant 3	Numeral Pennant 3
PHRF I	Numeral Pennant 4	Numeral Pennant 4

- 6.2 Identification flags shall be not less than 40 cm (16”) long and shall be prominently displayed from the backstay. *A boat failing to display the proper Identification will not be scored.* [DP]
- 6.3 A minimum of 3 boats are required to constitute a division in a series.

7 THE COURSES

- 7.1 The diagrams in Attachment B show the courses, including the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left.

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- 7.2 No later than the warning signal, the race committee signal boat will display the course signal as indicated on Attachment B.
- (a) For the PHRF and NFS classes:
 - (i) the PHRF-NFS course will be indicated on the upper row of the course board, and
 - (ii) the PHRF-FS course will be indicated on the lower row of the course board.
 - (b) For the Shark class, if mark 'a' is other than an Olympic Circle mark, the approximate bearing, followed by a hyphen, followed by the approximate distance in nautical miles may be displayed on the lower row of the course board. Failure to display some or all of this will not be grounds for redress.

8 MARKS

- 8.1 The relative locations of marks C and 1 through 8 are illustrated in Attachment C.
- 8.2 Marks C and 1 through 8 are vertical cylinders.
- 8.3 P is a red ball.
- 8.4 U is a white ball
- 8.5 o is an orange inflatable tetrahedron
- 8.6 y is a yellow inflatable tetrahedron
- 8.7 r is a red inflatable tetrahedron
- 8.8 Other marks may be indicated on the race committee course board.
- 8.9 The starting and finishing marks will be the race committee signal vessel at the starboard end and a red tetrahedron (the nearby port-end Olympic circle mark for the Shark class if their start is separate) at the port end. The race committee signal vessel will be *Empress of Patagonia* (*Cheers* for the Shark class). Substitution of the race committee signal vessel will be announced on VHF 69 (VHF 71 for the Shark class) and will not be grounds for redress.

9 THE START

- 9.1 The starting line will be a staff displaying an orange flag on the signal vessel and the course side of the port-end starting mark.
- 9.2 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other classes. [DP]
- 9.3 The starting sequence will typically follow the class sequence in 6.1 above. Failure of the race committee to follow that sequence will not be grounds for redress.
- 9.4 More than one class may be started at one time.
- 9.5 A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A4 and A5.

10 CHANGE OF THE NEXT LEG OF THE COURSE

- 10.1 To change the next leg of the course the race committee will announce, as follows, on VHF 69 (VHF 71 for the Shark class):
- (a) The class as follows, repeated as many as three times:
 - (i) Shark (applies to the Shark class);
 - (ii) PHRF-NFS (applies to all PHRF Not Flying Spinnakers class);
 - (iii) PHRF-FS (applies to all PHRF Flying Spinnaker classes); or
 - (iv) All Classes (applies to (ii) and (iii) above)
 - (b) This is the race committee repeated as many as three times
 - (c) After rounding mark (state the next mark to be rounded by the lead boat in the class)
 - (d) Go to mark(s) (followed by the final mark, or a list of marks to be rounded – the last mark listed will be the finishing mark so if this is shorter than the original course, signal S is not required).
 - (e) The above may be repeated before announcing changes to the next class.

When the course is changed by the Race Committee, all marks will be left to Port.

The Race Committee may display code flag C, and the new marks to be rounded, along with repetitive sound signals. Failure of the race committee to perform any of these actions shall not be cause for redress.

This changes RRS 33.

11 THE FINISH

- 11.1 The finishing line will be between a staff displaying an orange flag on the signal vessel and the course side of the finishing mark.
- 11.2 For the Shark class only, in the event the signal vessel is not on station at the finish, each Shark should record the sail number

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of the boat finishing immediately in front of her, as well as the sail number of the boat finishing immediately behind her. This information should be furnished to the Race Committee as soon as practical after the race.

12 TIME LIMITS

- 12.1 The time limit for the first boat in a class is 2 hours from the class starting signal.
- 12.2 Boats failing to finish within 2 hours and 30 minutes after their class starting signal will be scored Did Not Finish without a hearing. This changes RRS 35, A4 and A5.

13 PROTESTS AND REQUESTS FOR REDRESS

- 13.1 Protest forms are available at the main office of NOLSC or YYC during business hours or may be downloaded from the website of the host club's national authority website at:

- (a) NOLSC: http://www.sailing.ca/files/Sail_Canada_protest_form_2013.pdf
- (b) YYC: <http://www.ussailing.org/wp-content/uploads/DARoot/Race%20Admin/Racing%20Rules/2017-2020%20RRS/USS%20Protest%20Form%202017-2020.pdf>

- 13.2 The protest time limit is 1200 on the day following the race to which the protest pertains.

- 13.3 Protests shall be hand-delivered to the protest chair of the host club or shall be filed by e-mail with the word "PROTEST" in capital letters in the subject line. Where the host club is:

- (a) NOLSC, the protest chair is Norm Behring and e-mail protests shall be sent to nbehring@sympatico.ca or
- (b) YYC, the protest chair is Chris Doyle and email protests shall be sent to CDoyle@hodgsonruss.com

- 13.4 Notices will be posted at the host club no later than 1200 on the day following expiration of the protest time limit to inform competitors of hearings in which they are parties or named as witnesses. Unless other arrangements have been made, hearings will be held in the protest room of the host club. The protest room is located at:

- (a) the YYC Gristmill Jr. Sailing room if YYC is the host club, or
- (b) the boardroom located at the southeast corner on the 2nd floor of the NOLSC clubhouse if NOLSC is the host club.

- 13.5 Notices of protests by the race committee or protest committee will be posted to inform boats under RRS 61.1(b).

- 13.6 Penalties for breaches of instructions 16 or RRS 55 may be less than disqualification if the protest committee so chooses.

14 SCORING

- 14.1 In column *C/M* of Notice of Race Attachment A:

- (a) when *C* or fewer races have been completed, a boat's series score will be the total of her race scores.
- (b) when more than *C* races have been completed, a boat's series score will be the total of her race scores excluding her worst score.

- 14.2 PHRF corrected times will be calculated using the "PHRF-LO Time-on-Time" method.

15 SAFETY REGULATIONS

A boat that retires from a race shall notify the race committee as soon as possible. [DP]

16 RADIO COMMUNICATION

Except in an emergency, a boat shall neither make radio transmissions while racing nor receive radio communications not available to all boats. Except for devices communicating from one part of the boat to another, this restriction also applies to any wireless communications device. [DP]

The race committee may communicate information on VHF 69 (VHF 71 for the Shark class). Failure to make these communications or the sequence in which they are made shall not be ground for redress.

17 PRIZES

A prize will be awarded to the top 3 boats in each class.

18 DISCLAIMER OF LIABILITY

Competitors participate in the races entirely at their own risk. See RRS 4, Decision to Race. The organizing authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta.

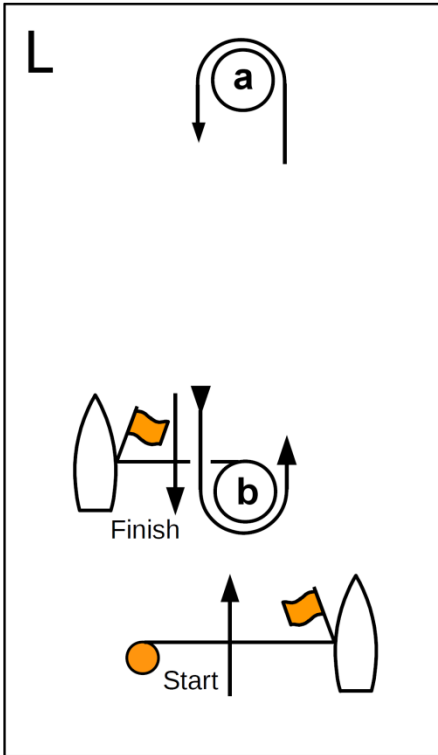
19 INSURANCE

Each participating boat shall be insured with adequate third-party liability insurance.

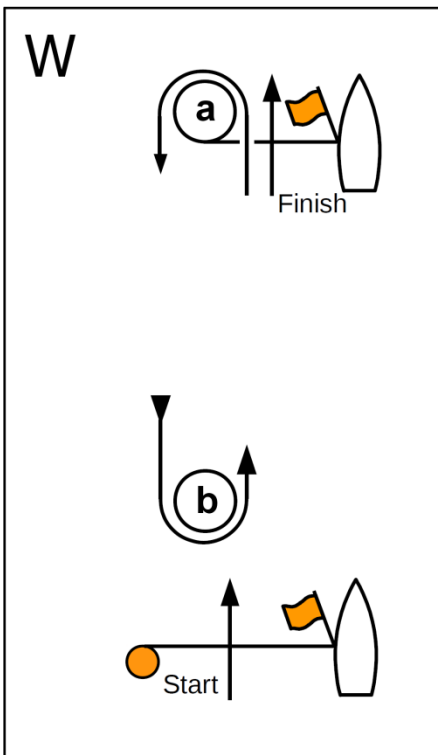
2017 ATTACHMENT B

Course Diagrams

PHRF Classes



Course L – Windward/Leeward, Leeward Finish	
<i>Signal</i>	<i>Mark Rounding Order</i>
L2ab	Start-a-b-a-Finish
L3ab	Start-a- b-a- b-a-Finish
L4ab	Start-a-b-a- b-a- b-a-Finish

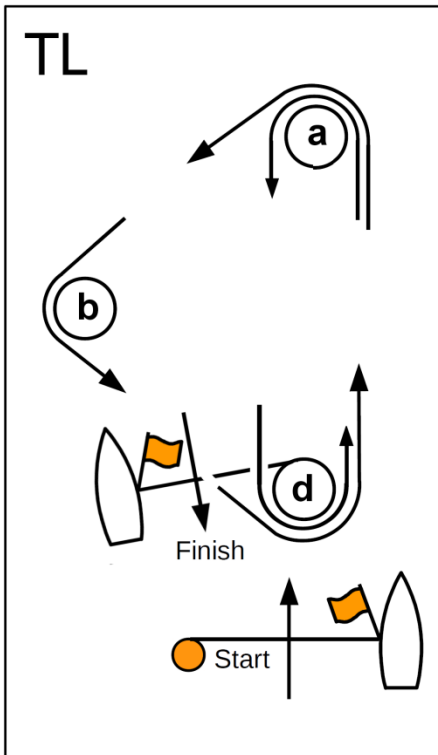


Course W – Windward/Leeward, Windward Finish	
<i>Signal</i>	<i>Mark Rounding Order</i>
W2ab	Start-a-b- Finish
W3ab	Start-a- b-a- b- Finish
W4ab	Start-a-b-a- b-a- b- Finish

2017 ATTACHMENT B

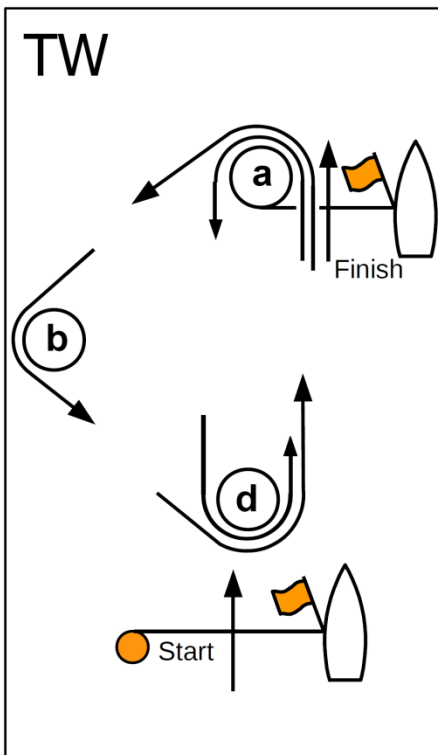
Course Diagrams

PHRF Classes



Course TL – Triangle, Leeward Finish	
<i>Signal</i>	<i>Mark Rounding Order</i>
TL2abd	Start-a- b-d-a-Finish
TL3abd	Start-a- b- d-a- d-a-Finish
TL4abd	Start-a- b-d-a- d-a- d-a-Finish

Note: The 'L' portion of the signal will come from the course designation for the PHRF course.



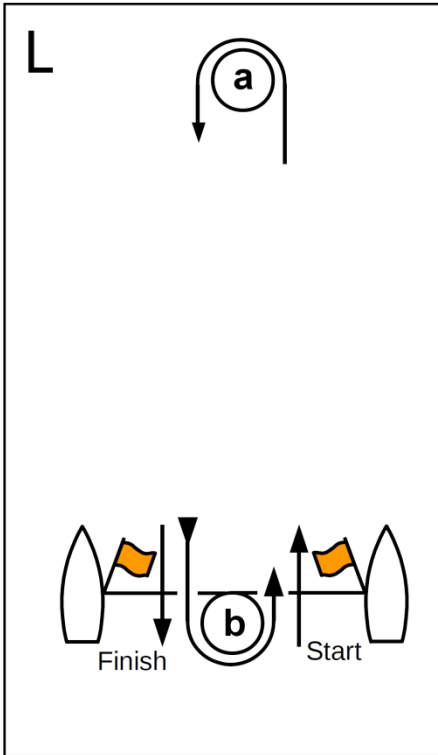
Course TW – Triangle, Windward Finish	
<i>Signal</i>	<i>Mark Rounding Order</i>
TW2abd	Start-a- b-d- Finish
TW3abd	Start-a- b- d-a- d- Finish
TW4abd	Start-a- b-d-a- d-a-d-Finish

Note: The 'W' portion of the signal will come from the course designation for the PHRF course.

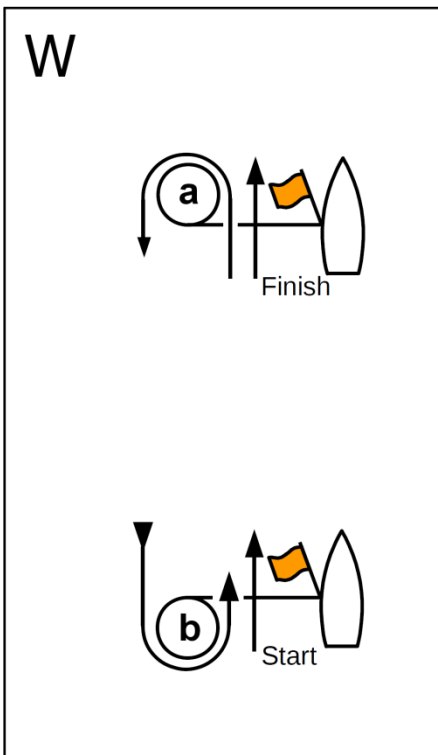
2017 ATTACHMENT B

Course Diagrams

Shark Class



Course L – Windward/Leeward, Leeward Finish	
<i>Signal</i>	<i>Mark Rounding Order</i>
L2ab	Start-a-b-a-Finish
L3ab	Start-a- b-a- b-a-Finish
L4ab	Start-a-b-a- b-a- b-a-Finish



Course W – Windward/Leeward, Windward Finish	
<i>Signal</i>	<i>Mark Rounding Order</i>
W2ab	Start-a-b- Finish
W3ab	Start-a- b-a- b- Finish
W4ab	Start-a-b-a- b-a- b- Finish

2017 ATTACHMENT B

Course Diagrams

All Classes

Course M – Marks to be followed in the sequence as signalled	
<i>Signal</i>	<i>Mark Rounding Order</i>
Mab...	Start-a, b, etc. The finishing line will be between last mark listed and a staff displaying an orange flag
Mab...F	Start-a, b, etc. The finishing line will be the ST as described in Attachment D1.

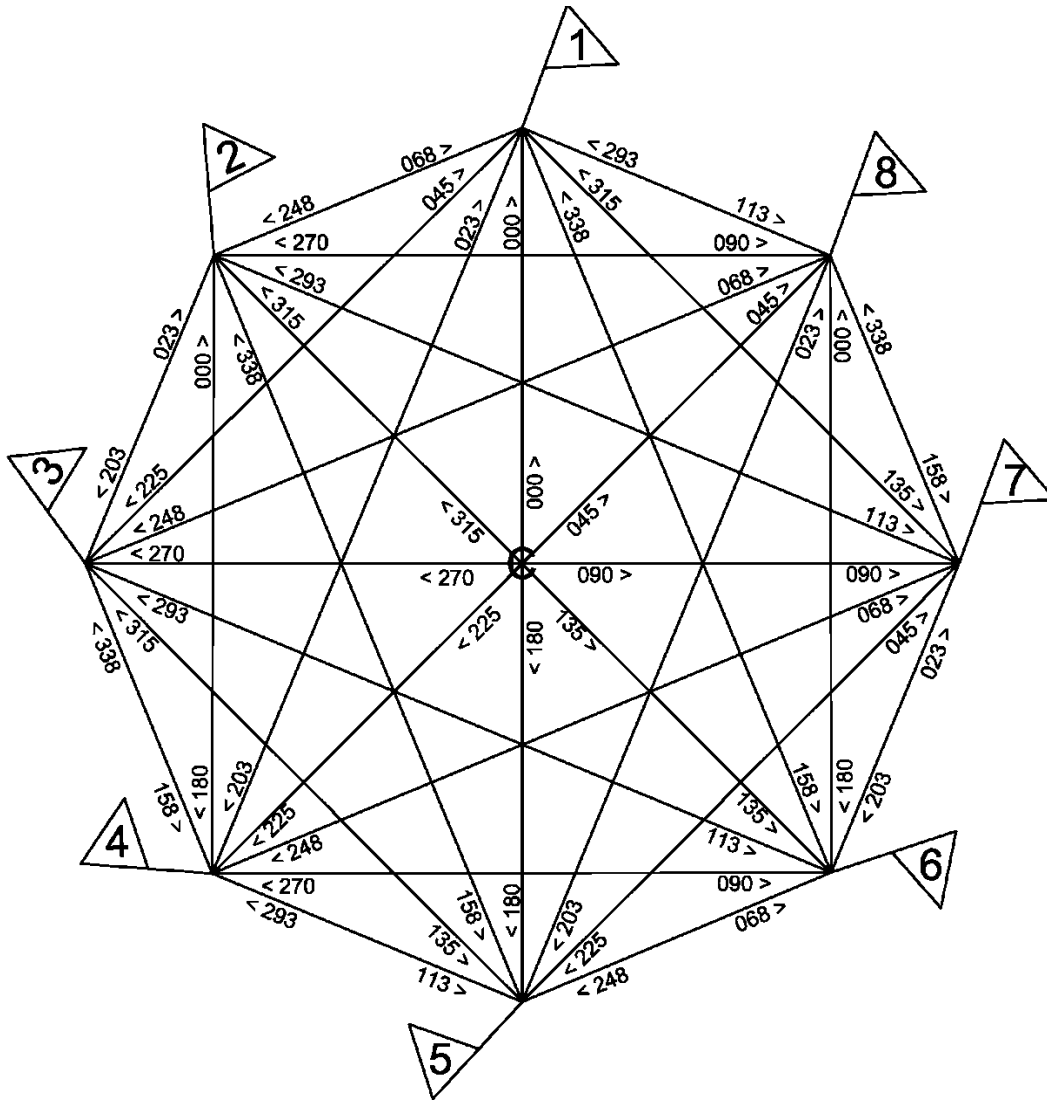
Note: If the background colour for the signaled mark is:

- blank, the mark shall be rounded by leaving it on the port side of the boat;
- green, the mark shall be rounded by leaving it on the starboard side of the boat.
- Note: For river races, if the direction to the mark “a” is ambiguous, an arrow on the course board will indicate the direction (up or down the river) to mark “a”.

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Note: If the course cannot be adequately described by a course board, signal L will be made no less than 5 minutes before the warning signal and verbal instructions will be made.

**2017 ATTACHMENT C
YYC-NOLSC OLYMPIC CIRCLE DIAGRAM**



DISTANCE TABLE (Nautical Miles)

To From	C	1	2	3	4	5	6	7	8
C	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
1	0.50	-	0.38	0.71	0.92	1.00	0.92	0.71	0.38
2	0.50	0.38	-	0.38	0.71	0.92	1.00	0.92	0.71
3	0.50	0.71	0.38	-	0.38	0.71	0.92	1.00	0.92
4	0.50	0.92	0.71	0.38	-	0.38	0.71	0.92	1.00
5	0.50	1.00	0.92	0.71	0.38	-	0.38	0.71	0.92
6	0.50	0.92	1.00	0.92	0.71	0.38	-	0.38	0.71
7	0.50	0.71	0.92	1.00	0.92	0.71	0.38	-	0.38
8	0.50	0.38	0.71	0.92	1.00	0.92	0.71	0.38	-

Note that the courses and distances shown above are for information only and any inaccuracies shall not be ground for redress.